

SENTRY-PRO

RESIDENTIAL STANDBY SET
WITH LPG-NATURAL GAS FUEL

SPS, SPH & SPV SERIES RESIDENTIAL AND SMALL BUSINESS STANDBY GENERATOR SET. CONSULT OPTIONAL EQUIPMENT FOR AUTOMATIC TRANSFER SWITCH, AND OTHER ITEMS FOR SPECIFIC USE APPLICATIONS.

60 HERTZ

**1 PHASE, 120/240 VOLTS OR
3 PHASE, 208, 240, 480, 220 VOLTS**

GENERATOR MODEL FOR SINGLE PH.		SPS-100		SPS-120		SPH-120		SPV-160	
TYPE OF FUEL USED		LPG	NAT. GAS	LPG	NAT. GAS	LPG	NAT. GAS	LPG	NAT. GAS
1 PH.	MAXIMUM KW @ SINGLE PHASE	10.5	9.0	12.5	10.5	11.5	9.5	16.0	14.0
	STANDBY KW @ SINGLE PHASE	10.0	8.5	12.0	10.0	11.0	9.0	15.0	12.5
	STANDBY AMPS @ 120 VOLTS	83.0	75.0	10.0	84	92	75	124	104
	STANDBY AMPS @ 240 VOLTS	41.5	37.5	50	42	46	37.5	62	52
3 PHASE	MAXIMUM KVA @ 3 PHASE .8 P.F.	13.0	11.0	15.5	13.0	14.0	11.5	20.0	17.5
	STANDBY KVA @ 3 PHASE .8 P.F.	12.5	10.5	15.0	12.0	13.5	11.0	18.8	15.6
	STANDBY KW @ 3 PHASE .8 P.F.	10.0	8.5	12.0	10.0	11.0	9.0	15.0	12.5
	STANDBY AMPS @ 208 VOLT, 3Ø	35	29.5	41.5	35	38	31	52	43
	STANDBY AMPS @ 240 VOLT, 3Ø	30	25.5	36.0	30	33	27	45	37
	STANDBY AMPS @ 480 VOLT, 3Ø	15	13	18	15	16	13	22	18
STANDBY AMPS @ 220 VOLT, 3Ø	33	30	39	33	36	30	49	41	
ENGINE BRAND	SUBARU EH65		SUBARU EH72		HONDA GX670K1VXC2		VANGUARD DM950G		
ENGINE COOLING	AIR COOLED						LIQUID COOLED		
ENGINE NAME PLATE HP RATING	18	16	20	18	19	16	28	23	
ENGINE CU. CENTIMETERS	653	653	720	720	670	670	952	952	
ENGINE CYLINDERS	2	2	2	2	2	2	3	3	
ENGINE LUBRICATION	ALL MODELS : FULL PRESSURE OIL LUBRICATION WITH ADDITIONAL SPIN-OFF REPLACEABLE OIL FILTER								
SUPER QUIET MUFFLER	ALL MODELS : SPECIAL RESIDENTIAL STYLE MUFFLER FOR OPTIMUM EXHAUST SOUND REDUCTION								
FUEL USE @ 100% LOAD (FT ³ /HR)	72	147	90	197	85	192	125	280	
dB(A) AT 7 M (E=STD. ENCL., O=OPEN)	E = 69, O = 73		E = 70, O = 76		E = 72, O = 78		E = 74, O = 80		
GENERATOR REGULATION	±5% VOLTAGE REGULATION						±1/2% VOLT. REGULATION		
FREQUENCY REGULATION	5% FREQUENCY REGULATION ON ALL MODELS								
"KLEEN-POWER"	WAVEFORM (SINE-WAVE) HARMONIC DISTORTION IS LIMITED TO JUST 6% ON ALL SENTRY-PRO GENERATORS								
"TIF" DISTORTION	TELEPHONE INTERFERENCE FACTOR (TIF) DISTORTION IS LIMITED TO JUST 250								
CODE G ELECT. MOTOR START	2 1/2 HP	2 HP	5 HP	3 HP	4 HP	2 HP	6 HP	5 HP	
GEN-SET SHUTDOWNS	ALL MODELS : 15 SECOND CRANK, 15 SECOND REST FOR (3) INDIVIDUAL STARTING ATTEMPTS BEFORE SHUTDOWN. AUTO SHUTDOWN FOR : LOW BATTERY VOLTS, UNDERSPEED, OVERSPEED, HIGH TEMPERATURE, AND LOW OIL SHUTDOWN								
MAIN CIRCUIT BREAKER	ALL MODELS : STANDARD EQUIPMENT (OPTIONAL ON ALL 3 PHASE GEN-SETS)								
TIME DELAY, ENG START	ALL MODELS : 10 SECOND DELAY BEFORE ENGINE STARTS TO AVOID NUISANCE ON-OFF STARTING								
TIME DELAY, COOL DOWN	ALL MODELS : 5 MINUTE DELAY ON SHUT DOWN TO COOL DOWN GEN-SET AT NO LOAD RUNNING								
RECOMENDED STARTING BATTERY	12 VDC, 390 CCA, 45 AMP/HR MIN. SIZE NOTE: LARGER BATTERY SIZE MAY BE REQUIRED COLDER THAN 20°F								
AUTOMATIC BATTERY CHARGER	ALL MODELS: AUTOMATIC 3-STAGE, FLOAT TYPE, 2 AMP BATTERY CHARGER								
AUTOMATIC START-STOP CONTROLS	ALL MODELS HAVE 2-WIRE SENSING CONTROLLER. MICROPROCESSOR BASED, DIGITAL CONTROLLER WITH MODE SELECTOR: "TEST", "STANDBY", "OFF" POSITIONS, RUN TIME METER, AND BUILT IN LED ANNUNCIATORS: HIGH TEMP, OVERCRANK, OVERSPEED, ENGINE RUNNING, UNDERSPEED/ FAIL, LOW OIL, NOT IN STANDBY, AND LOW BATTERY VOLTAGE.								
WEATHER ENCLOSURE	ALL MODELS: ZINC PHOSPHATE ETCHING, E-COATED PRIMER, FINAL POWDER COAT FINISH.								
APPROX. L X W X H HOUSED (OPEN)	48" LG X 28" WI X 28" HI				48" LG X 28" WI X 23" HI		70"X37"X38" (52"X37"X29")		
NET WT. OPEN SET Lbs	310		370		345		430		
SHIP WT. OPEN SET Lbs	360		395		385		495		
NET WT. STANDARD HOUSING Lbs	425		485		460		600		
SHIP WT. STANDARD HOUSING Lbs	475		525		500		650		
NET WT. SUPER-SILENT HOUSING Lbs	445		545		505		650		
SHIP WT. SUPER-SILENT HOUSING Lbs	485		585		545		715		

NOTES : PRIMARY REGULATOR FOR LPG TANK IS NOT FURNISHED. ALL DRY FUEL, (LPG AND NATURAL GAS) ENGINES HAVE CARBURETORS SET FOR 6 OUNCE FUEL PRESSURE (11" WATER COLUMN).